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ACI $1.50

H. Becker

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Scientific - Physics

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Scientific - Nuclear physics

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Modulation of Light ~~mf~~ by Means of a Vibrating Quartz Crystal, by H. E. R. Becker, W. Hanle, O. Maercks, 5 pp.

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S.L.A. Tr 57-330

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61-14728

Becker, Hans.
A NEW METHOD OF INVESTIGATING FLOW IN SHEET-GLASS TANKS (Eine Neue Methode zur Erforschung der Strömung in Flachglaswannen). [1961] [18]p. (foreign text included) 6 refs.
Order from SLA $1.60 61-14728

Trans. of Glastechnische Berichte (West Germany) 1960, v. 33, no. 11, p. 411-416.

DESCRIPTORS: *Glass, Fluid flow, Measurement, Cerium, Fluorescence.

Glass containing cerium was added to the metal in a Fourcault tank at specific points and in a specific form. Because of the cerium fluorescence, it is possible to establish the position of the glass containing cerium in the glass sheet and to draw conclusions in regard to the currents in the tank. In the first example, it is described how a fault in a tank brick causing bubbles in the glass can be demonstrated. In the second example, (Materials--Ceramics, TT, v. 6, no. 1) (over)

61-14728

I. Becker, H.

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HB 5554

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AERE Harwell Trans 537

Sci - Medicine, medical research, radioisotopes, therapy

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Internatl Conf -- UH

Sci - Nuclear Physics

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GERMAN, part, Z. Ges. Med, Vol CXXI, 1953, pp 430-441.

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A Comparison of the Photochemical Changes of l-Aspartic Acid, l-Asparagine, and Glycyl-Glycine Through X-rays and Ultra-Violet Radiation, by J. P. Becker, 9 pp.

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Regarding the Behavior of d,l-Serine, d,l-Phenylalanine, d,l-Alanine, d,l-Lactic Acid, and Propionic Acid in the Presence of X-Rays and Ultraviolet Radiation, by J. P. Becker, 13 pp.

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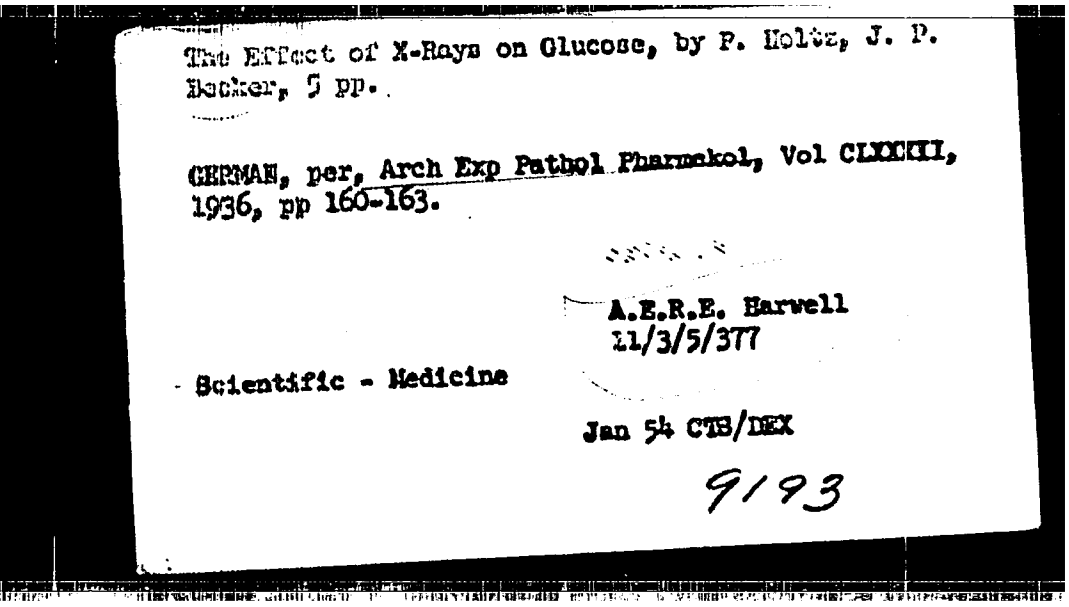

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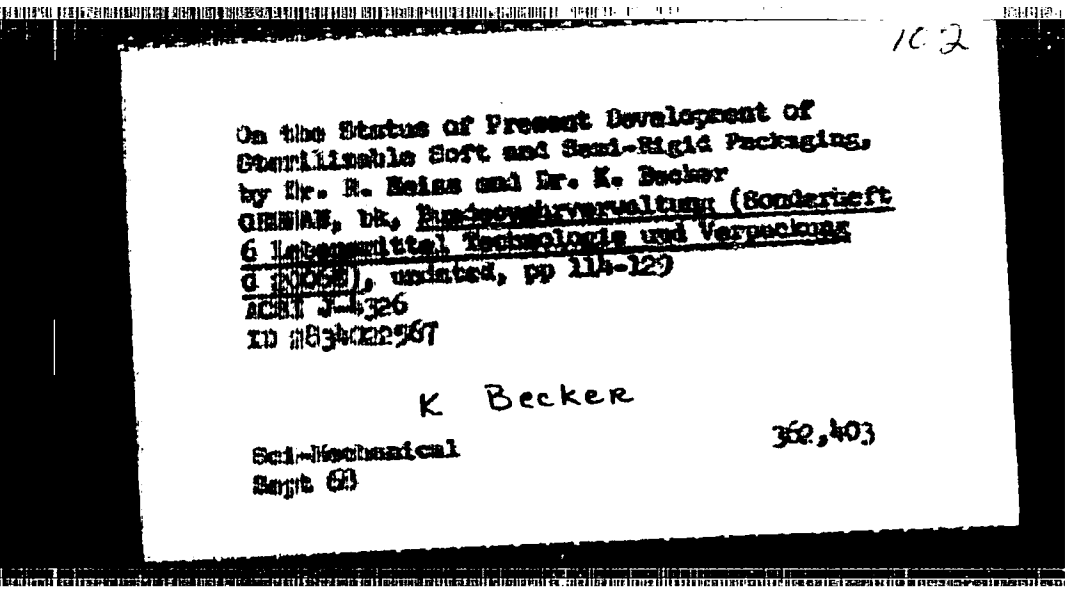

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On the Status of Present Development of Sterilizable Soft and Semi-Rigid Packaging, by Dr. R. Heiss and Dr. K. Becker
GERMAN, bk, Bundeswehrverwaltung (Sonderheft 6 Lebensmittel Technologie und Verpackung d [illegible]), undated, pp 114-129
ACSI J-4326
ID #[illegible]

K Becker

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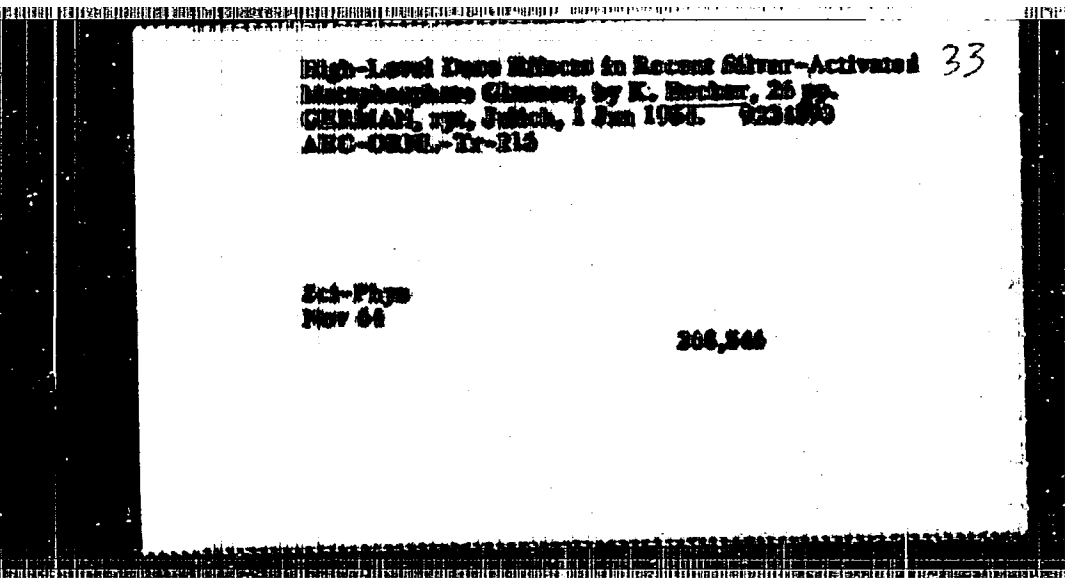

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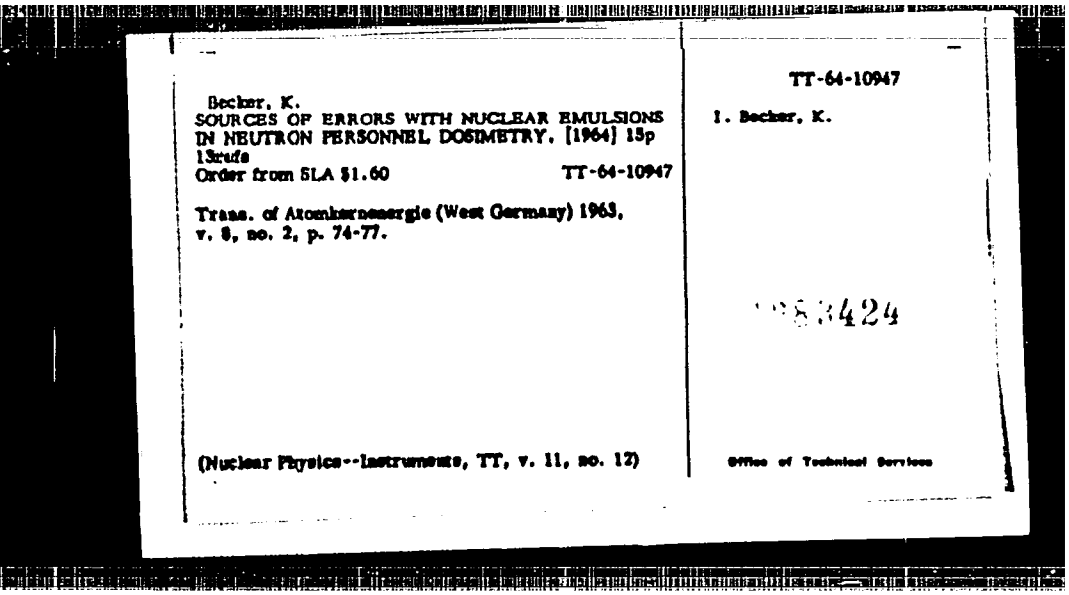

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(Nuclear Physics--Instruments, TT, v. 11, no. 12)

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A Wavelength Independent Recording Dosimeter Film, by K. Becker, E. Kline, E. Zeitler, 4 pp.

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Sci - Phys Electron
Apr 61

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*AERE, Harwell

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3 Jan 60
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SLA 59-15467

Sci - Minerals/Metals
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Physical and Radiation Properties of Tantalum Carbide, by K. Becker, H. Ewest.

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^{5}cd - Nucl Sci

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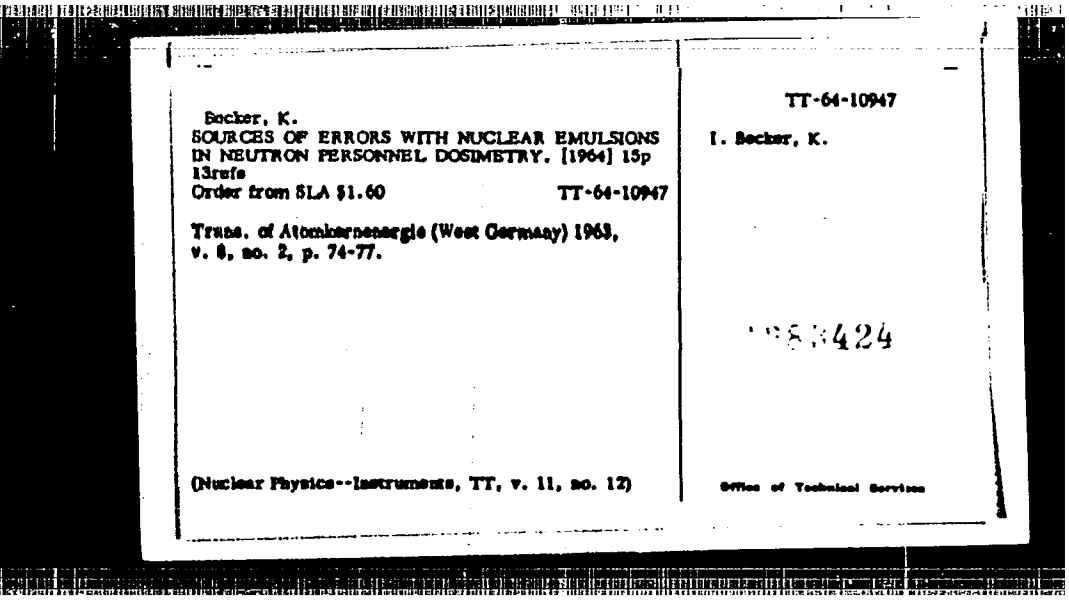

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SOURCES OF ERRORS WITH NUCLEAR EMULSIONS IN NEUTRON PERSONNEL DOSIMETRY. [1964] 15p 13refs
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(Nuclear Physics--Instruments, TT, v. 11, no. 12)

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1. Becker, K.

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Order from ATS $11.20 ATS-09M47G

Trans. of Phot[ographische] Korr[espondenz] (Austria) 1960, v. 96, no. 7, p. 99-104.

(Nuclear Physics--Instruments, TT, v. 5, no. 5)

61-12391

1. Radiation meters--Development
2. Title: Film dosimetry
I. Becker, K.
II. ATS-09M47G
III. Associated Technical Services, Inc., East Orange, N. J.

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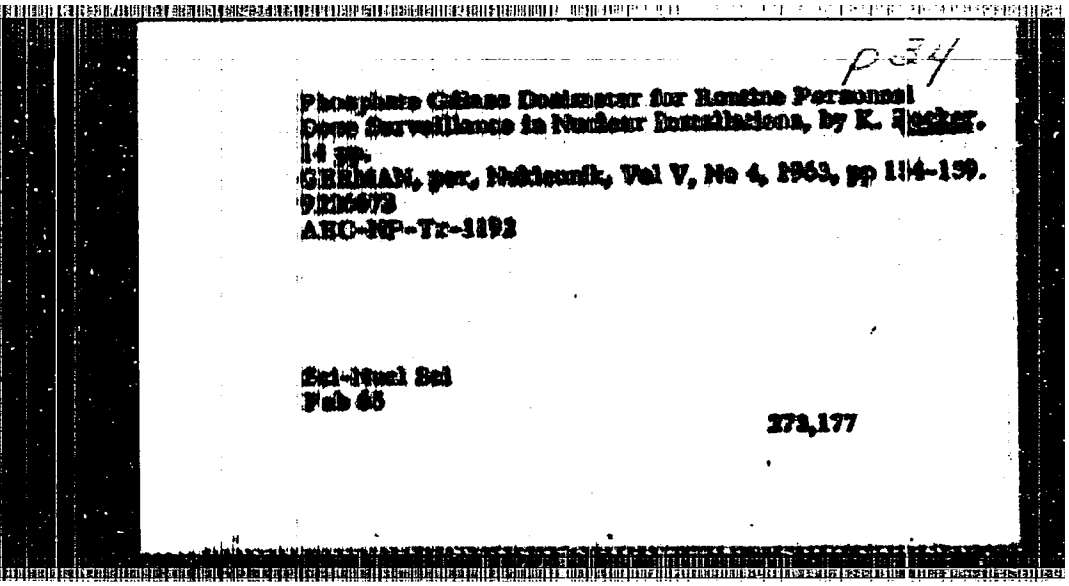

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Phosphate Glass Dosimeter for Routine Personnel
Dose Surveillance in Nuclear Installations, by K. [illegible].
14 pp.
GERMAN, per, Hefteumk, Vol V, No 4, 1963, pp 114-139.
9216473
AEC-NP-Tr-1192

Rel-Unel Sel
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The Measurability of Small Gamma Doses With Photographic Films and Phosphate Glasses, by K. Becker.
GERMAN, per, Kerntechnik, Isotopentechnik und Chemie, Vol VI, No 5, 1964, pp 199-203.
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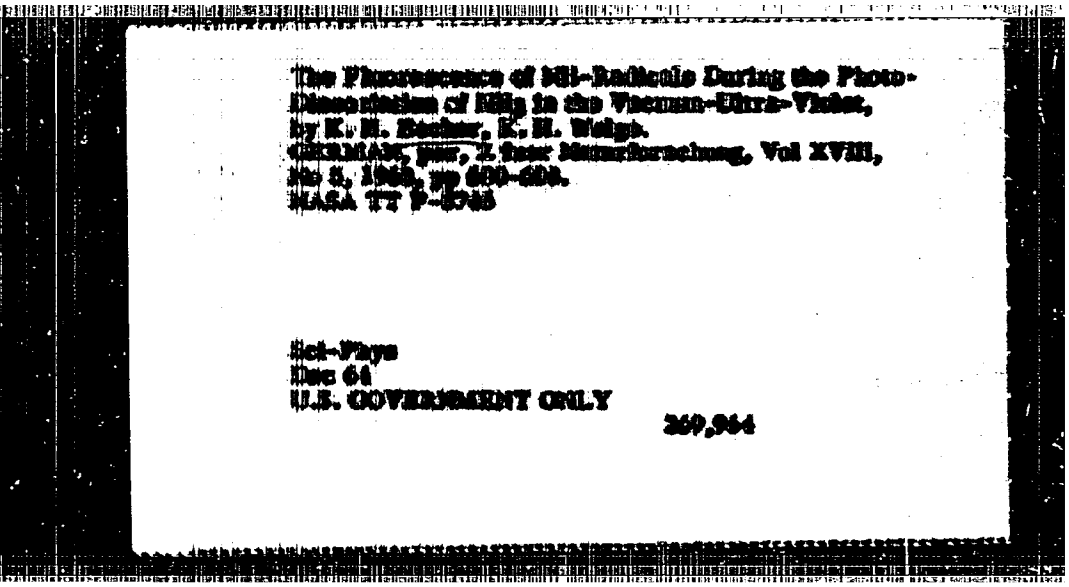

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Zeitschr. phys. Z. Naturforschung, Vol XVIII, No 5, 1963, pp 600-604.
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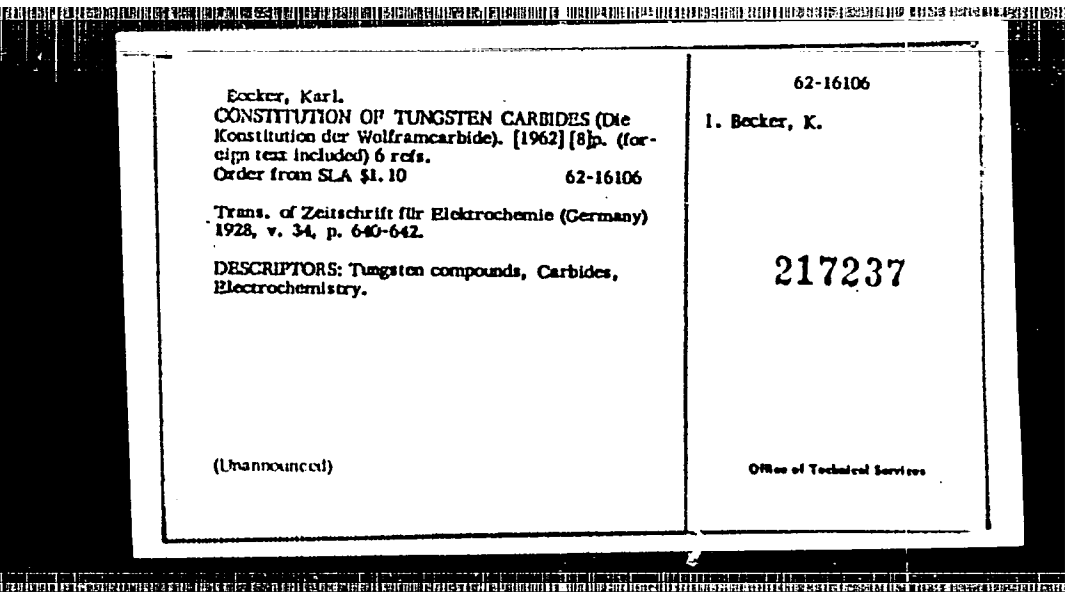

Becker, Karl.
CONSTITUTION OF TUNGSTEN CARBIDES (Die Konstitution der Wolframcarbide). [1962] [8]p. (foreign text included) 6 refs.
Order from SLA $1.10 62-16106

Trans. of Zeitschrift für Elektrochemie (Germany) 1928, v. 34, p. 640-642.

DESCRIPTORS: Tungsten compounds, Carbides, Electrochemistry.

(Unannounced)

62-16106

1. Becker, K.

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SLA 60-10306

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INVESTIGATION OF SOME PHENOMENA IN THE METALLIZING PROCESS (Untersuchungen über die Vorgange beim Flammspritzen). Doctoral Thesis, Polytechnic Inst. of Hannover, 1953. [1962] [47]p. 57 refs.
Order from SLA $4.60 62-18795

Trans. of reprint of Schweissen und Schneiden (West Germany) 1954, v. 6, no. 4, p. 127-142.

DESCRIPTORS: *Metal coatings, *Atomization, Microphotography, Experimental data, Test equipment.

(Engineering--Mechanical, TT, v. 9, no. 11)

62-18795

I. Becker, K.
II. Technische Hochschule, Hannover (West Germany)

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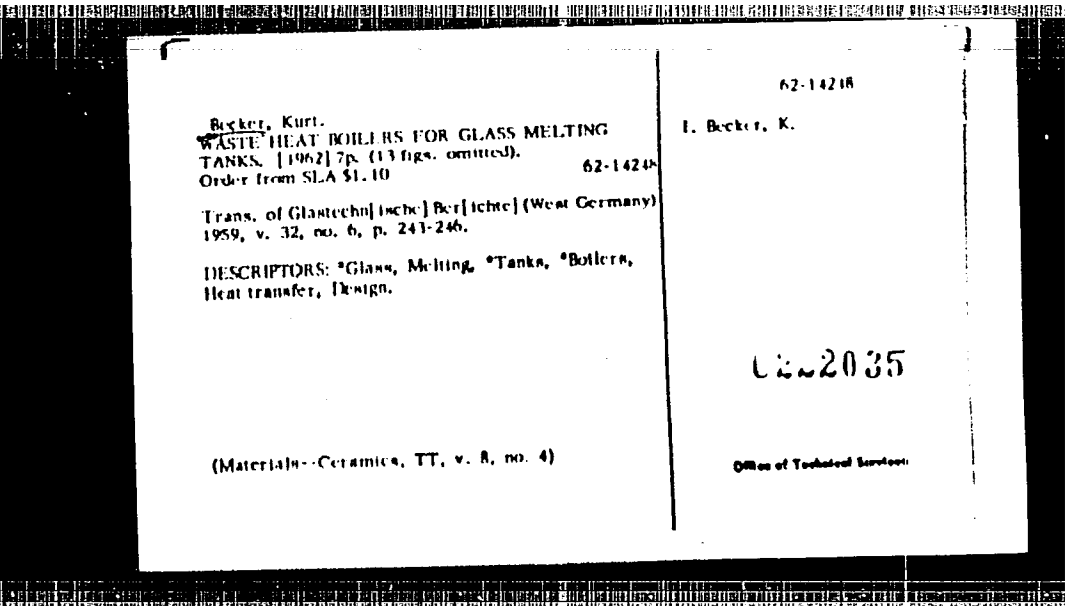

62-14218

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Order from SLA $1.10 62-14218

Trans. of Glastechn[ische] Ber[ichte] (West Germany) 1959, v. 32, no. 6, p. 243-246.

DESCRIPTORS: *Glass, Melting, *Tanks, *Boilers, Heat transfer, Design.

(Materials--Ceramics, TT, v. 8, no. 4)

I. Becker, K.

62-2035

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An Improved Apparatus for the Determination of the Permeability of Synthetic Films to Dry and Wet Gases, by K. Becker.
GERMAN, per, Kunststoffe, vol. 54, 1964, pp. 155-159.
NTC 70-16961-11I

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Hard Chromide Liner of Non-Ferrous Metal, by Eugen Arndt, Kurt Becker, Joachim Kammick, 3 pp.

GERMAN, Patent No 727,800.

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Process and Device to Eliminate the Carbon Deposit in the Combustion Chamber of a Combustion Engine, by Laurence W. Becker, 7 pp.
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ACSI J-8057
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NTC 70-17132-18J

M. Becker

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Part 1. Present Status of Knowledge on the Influence of Fat in the Feed on the Functions and Productions of the Animal, by M. Becker.

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Repair of Railway Wheel Rims by Inert-gas Welding, by H. Becker.
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GERMAN, per, Z Elektrochem, Vol LX, No 9/10, 1956, pp 1080-1088.

SLA 60-16482

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Csiro/No 6064

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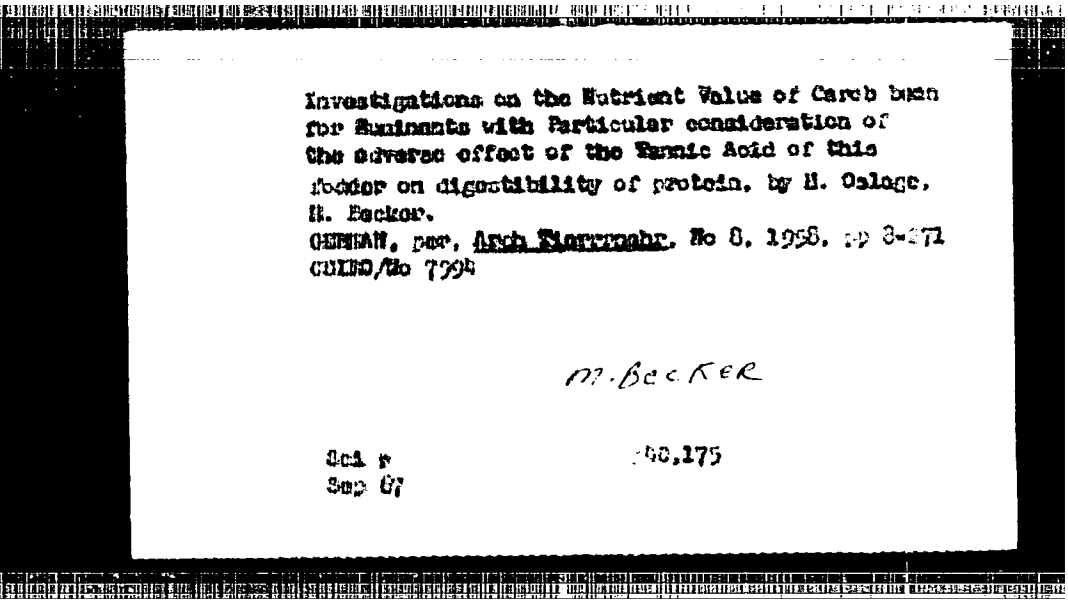

Investigations on the Nutrient Value of Carob bean for Ruminants with Particular consideration of the adverse effect of the Tannic Acid of this fodder on digestibility of protein. by H. Oslage, H. Becker.
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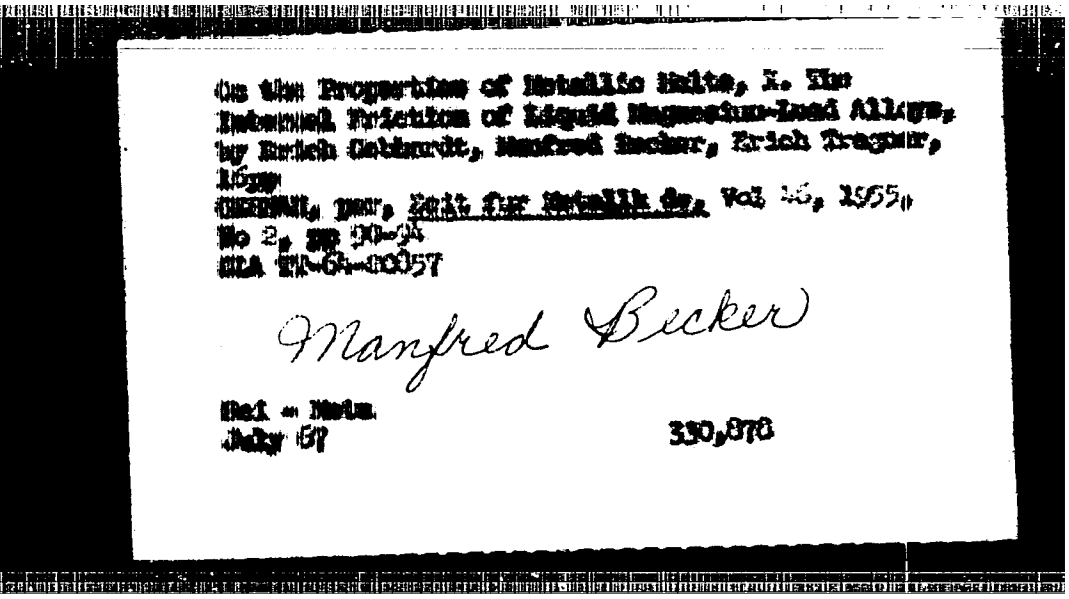

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16pp
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No 2, pp 90-94
EOA TT-61-00057

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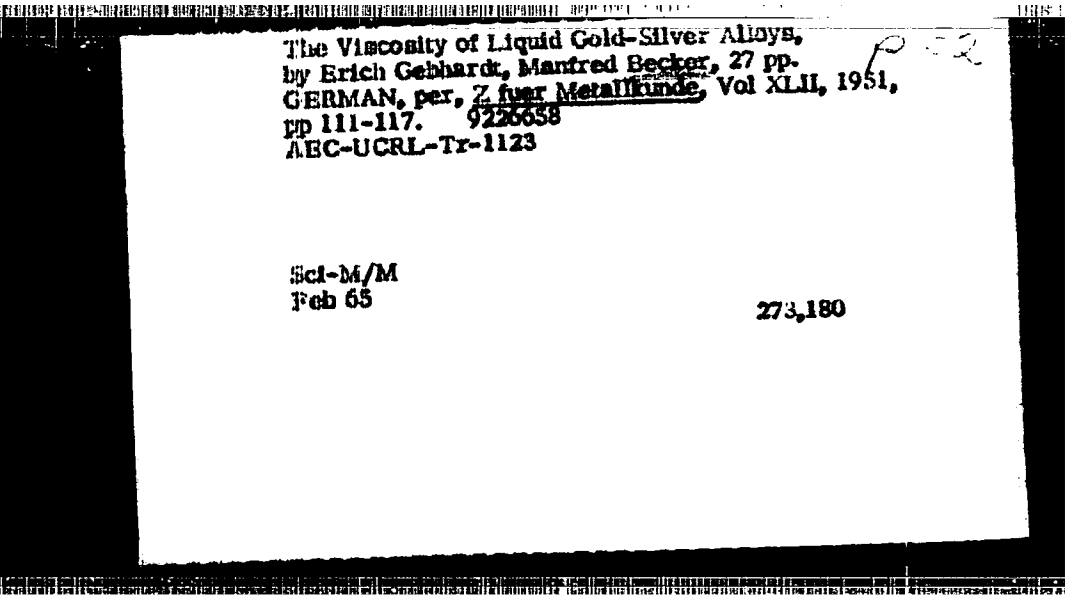

The Viscosity of Liquid Gold-Silver Alloys,
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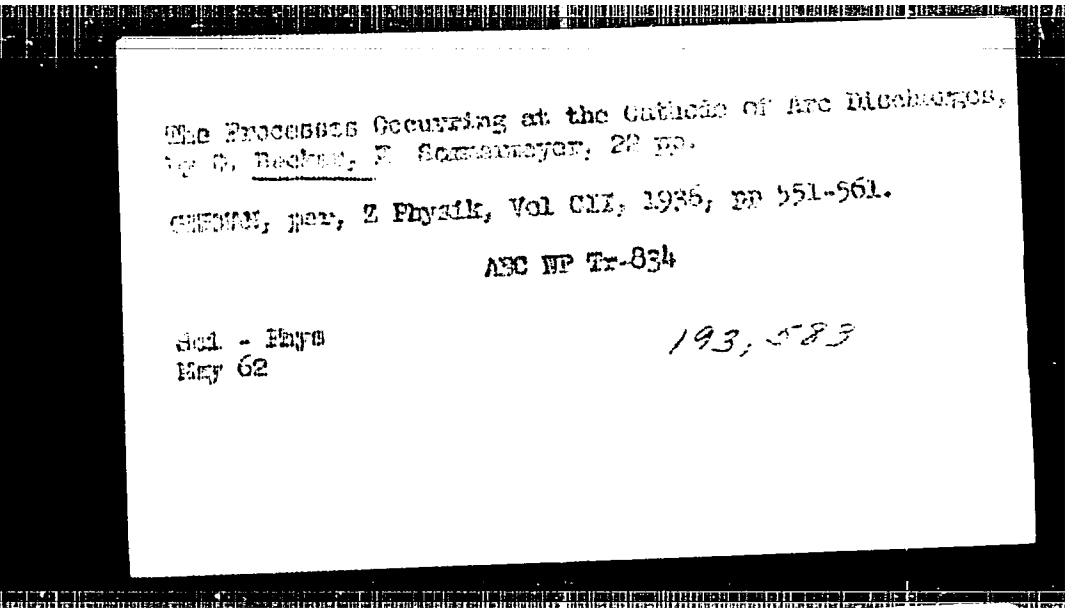

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SIA Tr 2926

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GERMAN, Bk, Ferromagnetismus, Springer Verlag, 1939, pp 371-382.
NASA TT F-11,721

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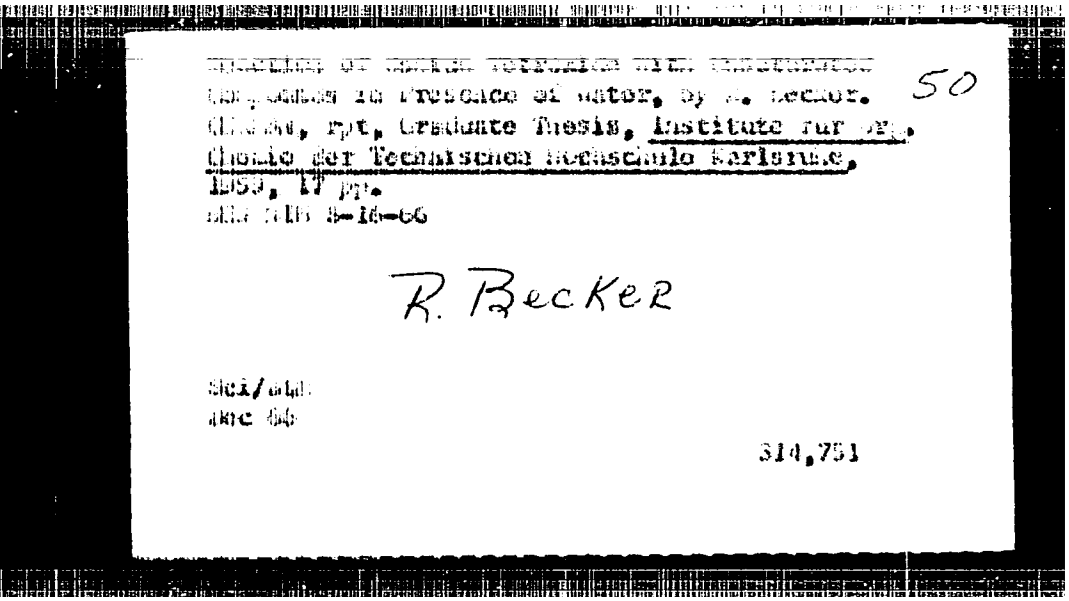

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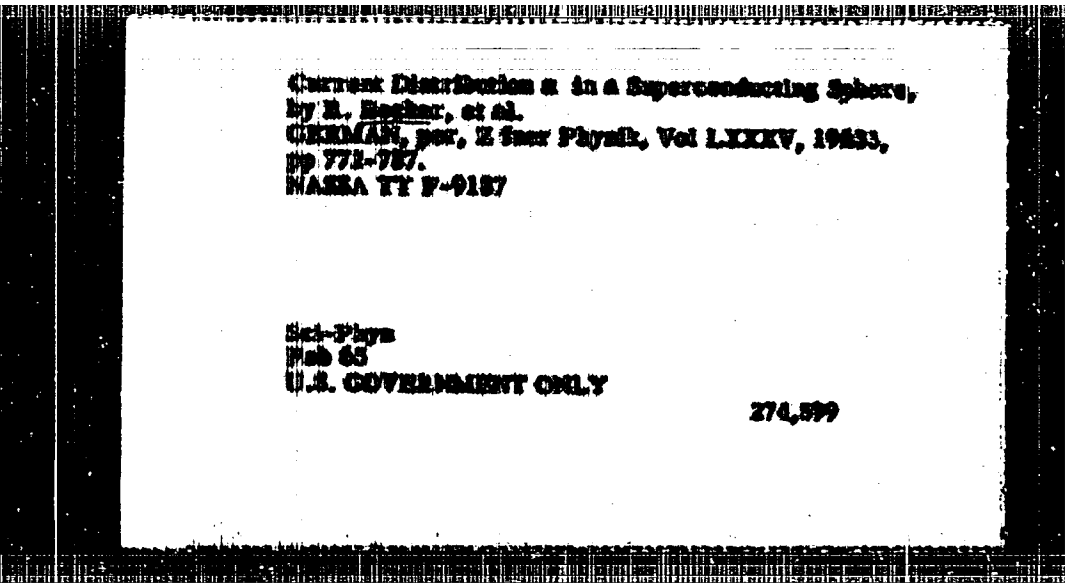

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NASSA TT F-9157

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Becker, R.
SHOCK WAVES AND DETONATIONS: APPLICATIONS [CONCERNING] DETONATIONS. [1963] [16]p. 4 refs.
Order from SLA $1.60 63-14902

Partial trans. (p. 348-362) of Zeitschrift für Physik (Germany) 1921, v. 8 [p. 321-362].
A complete trans. of article is available from SLA as AL-43.

DESCRIPTORS: *Shock waves, *Detonations, Combustion, Explosion effects, Numerical analysis, Detonation waves.

(Mechanics, TT, v. 10, no. 3)

63-14902

I. Becker, R.
II. Title: Applications ...
III. SLA AL-43

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Becker, R.
SHOCK WAVES AND DETONATIONS: INTRODUCTION; THE GENERATION OF THE COMPRESSION WAVE; THE STATIONARY CONDENSATION IMPULSE. [1963] 41p. 36 refs.
Order from SLA $4.60 63-14901

Partial trans. (p. 321-347) of Zeitschrift für Physik (Germany) 1921, v. 8 [p. 321-362].
A complete trans. of article is available from SLA as AL-43.

DESCRIPTORS: *Shock waves, *Detonations, Compressible flow, Differential equations, Thermal conductivity, Structures, Numerical analysis, Detonation waves.

(Mechanics, TT, v. 10, no. 3)

I. Becker, R.
II. Title: Generation ...
III. Title: Stationary ...
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Sci - Phys
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pp 547-555.

AEC Tr No 2110

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Scientific - Physics May 55 CTS

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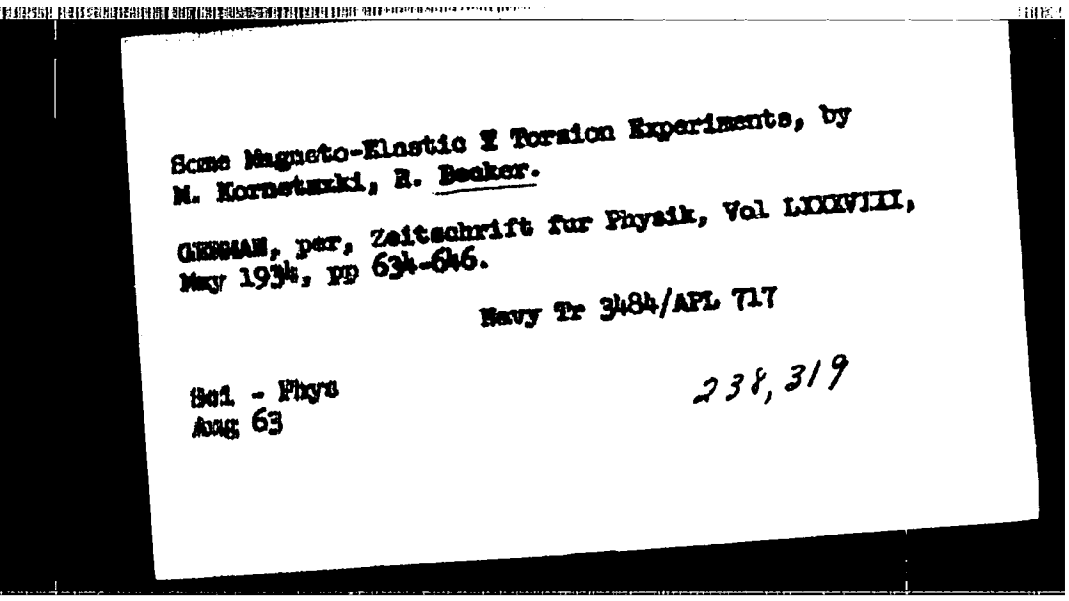

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May 1934, pp 634-646.

Navy Tr 3484/AFL 717

Sol - Phys
Aug 63

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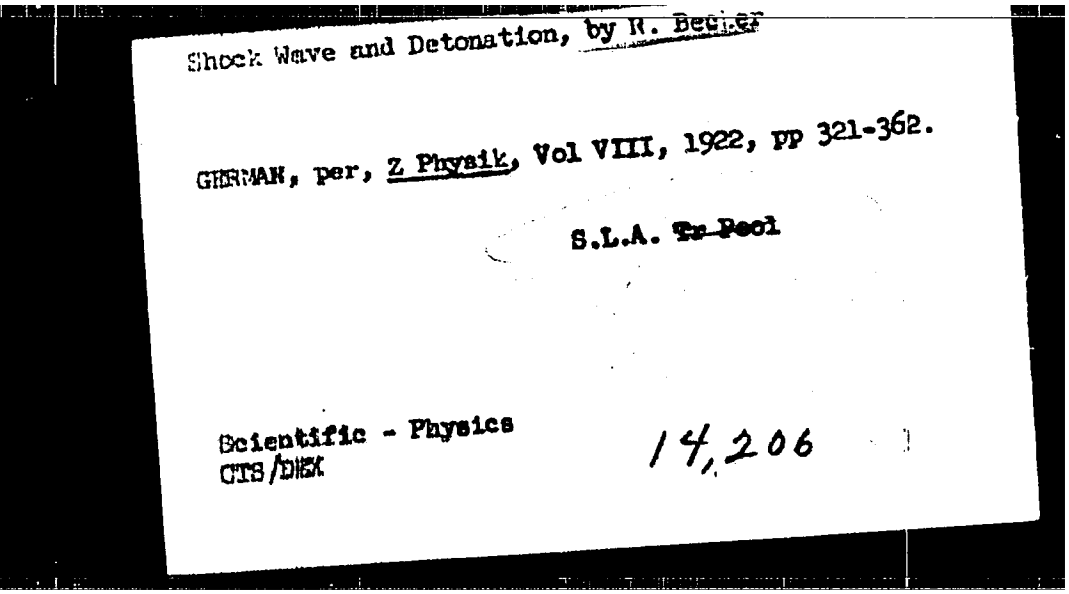

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S.L.A. To Pool

Scientific - Physics
CIS/DIEX

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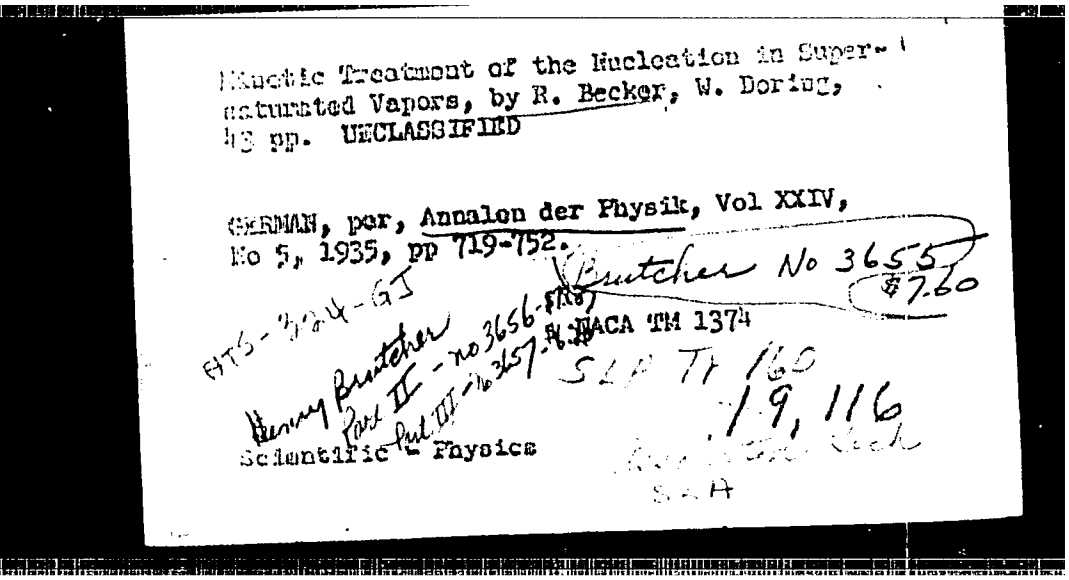

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Becker, R.
AN EQUATION OF STATE FOR NITROGEN AT HIGH DENSITIES. [1963] 15p (figs tables formulae omitted) 10refs
Order from SLA $1.60 TT-63-20393

Trans. of Z[eitschrift für] Physik (Germany) 1921, v. 4, p. 393-409.

DESCRIPTORS: *Nitrogen, *Liquefied gases, *Explosive materials, *Equations of state, Quantum mechanics.

(Physics, TT, v. 11, no. 3)

TT-63-20393

I. Becker, R.

Office of Technical Services

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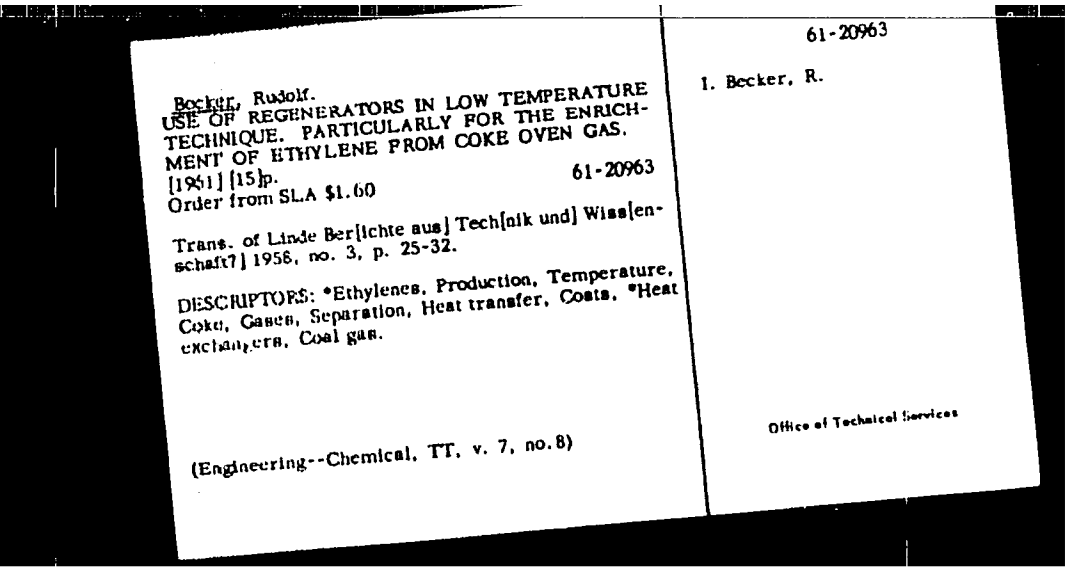

Becker, Rudolf.
USE OF REGENERATORS IN LOW TEMPERATURE TECHNIQUE, PARTICULARLY FOR THE ENRICHMENT OF ETHYLENE FROM COKE OVEN GAS.
[1951] [15]p.
Order from SLA $1.60

61-20963

Trans. of Linde Ber[ichte aus] Tech[nik und] Wiss[enschaft?] 1956, no. 3, p. 25-32.

DESCRIPTORS: *Ethylenes, Production, Temperature, Coke, Gases, Separation, Heat transfer, Costs, *Heat exchangers, Coal gas.

(Engineering--Chemical, TT, v. 7, no. 8)

61-20963

1. Becker, R.

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Beams of Condensed Hydrogen Condensed Helium and Condensed Nitrogen in High Vacuum, by R. W. Becker.
GERMAN, per, Z. fuer Naturforsch., Vol XVIII, 1962, pp 432-438.

AEC-Risley Tr-498

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Becker, Sam B.
PROCESS AND DEVICE FOR THE OXIDATION OF NAPHTHALENE HYDROCARBONS. [1963] 22p. (figs. omitted).
Order from OTS or SLA $2.60 63-16397

Trans. of German patent 895,591, cl. 12o, gr. 14, Sc 2099 IVd/12o, by Standard Oil Co., U. S. A., pat. from 9 Sep 53, app. pub. 5 Mar 53, granted 24 Sep 53, issued 5 Nov 53 (priority of the appl. in the U. S. A. 27 June 41).

DESCRIPTORS: *Phthalic anhydride, Synthesis (Chemistry), Hydrocarbons, *Naphthalenes, Alkyl radicals, Vapors, Oxidation, Catalysts, Fluidized solids, *Towers (Chemistry), Heat exchangers.

The invention relates to an improved process and to a device for carrying out the oxidation of naphthalene and
(Engineering--Chemical, TT, v. 10, no. 7) (over)

63-16397

I. Becker, S. B.
II. Patent (Germany) 895 591

A247584

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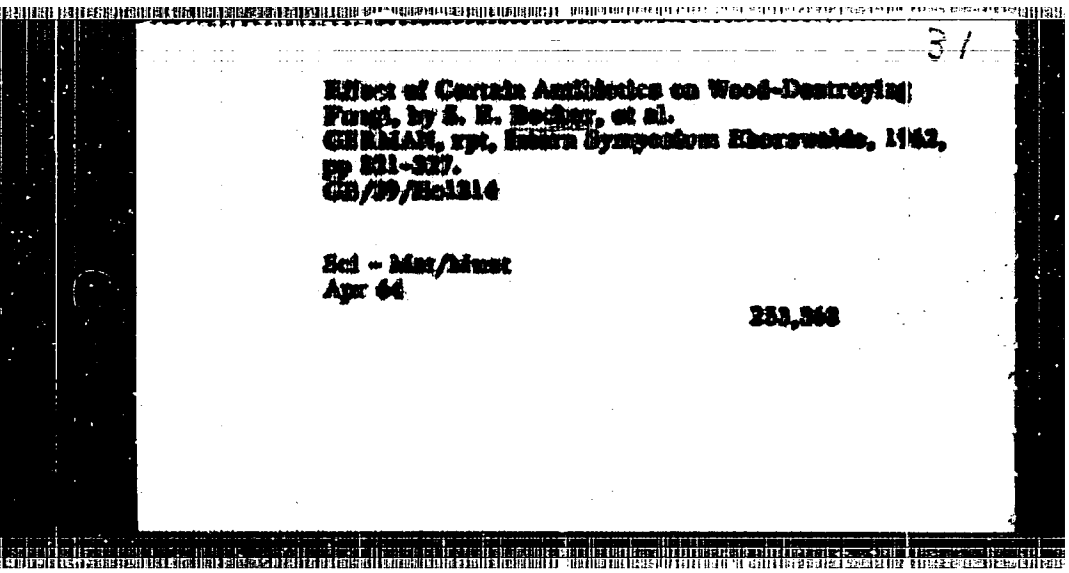

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Effect of Certain Antibiotics on Wood-Destroying Fungi, by S. N. Bochar, et al.
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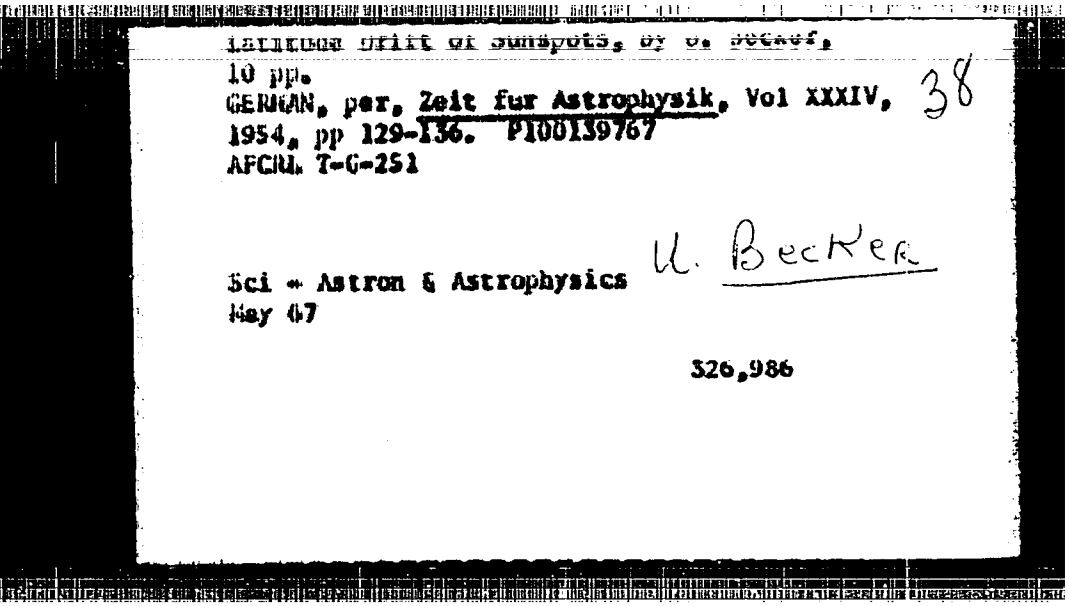

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1954, pp 129-136. PB100139767
AFCRL T-C-251

Sci - Astron & Astrophysics U. Becker
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Calculations of Group Velocities of Ordinary
Echoes at Vertical Incidence in the Ionosphere,
by J. Becker.
GERMAN, per. Archiv der Elektrischen Uebertragung,
No 11, Dec 1957, pp 166-172.
NASA TT F 13,283

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On a New Molecular Pump, by W. Becker.

FRENCH, rpt, International Congress for Vacuum Techniques, 1st Namur, 1958, pp 173-176.

NASA TT F-8355

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Chemistry and Technology of Low-Temperature Polymerizates of Synthetic Rubber, by W. Becker.

GERMAN, per, Kunststoffe, Vol XL, 1950, pp 328, 329

OQMG Tr
QMT-246

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Scientific - Chemistry Jan 52 CTS

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B-3

The Enrichment of the Light Uranium Isotope by the Diffusion Method, by W. Becker, 24 pp.

Full tr

GERMAN, mo per, Chemie Ingenieur Technik, No 6, West Germany, Jun 1957, pp 365-371.

CIA/FDD/ X-2515

WEur - West Germany
Sci - Nuclear Physics, nuclear energy, nuclear chemistry

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Application Of The Theory On Similitude To The Construction Of Polymerization Tanks, by G. Beckmann.
GERMAN, per, Chemie-Ingenieur-Technik (West Germany), 1964
p169-74
SIA TT-65-13407

G Beckmann

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W. Becker

The Physical Light Variation of the Planets Saturn and Uranus.
GERMAN, per, Astronomische Nachrichten, Vol 277, 1949, pp 65-72.
NASA TT F 14,419

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Power Consumption and Properties of Steel Wire Drawn at Increased Speeds, by A. Pomp, W. Becker.

GERMAN, per, Mitteilungen K.-W. Eisenforschung, Vol XII, No 16, 1930, pp 263-294.

Brutcher Tr No 1683

Scientific - Min-Metals $1.50

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Equipment for Grading and Stacking of Thick and Medium Plates, by W. Becker.

GERMAN, per, Blech, Vol VIII, No 7, 1961, pp 494-497.

BISI 2879

Sci - Engr

211, 1E 190

Aug 62

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Sporadic Ionization In the E-layer of the Ionosphere At Medium Latitudes by W. Becker.

GERMAN, per, Archiv Der Elektrischen Ubertragung, Vol XI, 1957, pp 101-104

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Oct. 62

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Practical Experience in the Systematic Fight Against Garget (Bovine Mastitis), by W. Becker. GERMAN, per, Deutsche Tieraerztliche Wochenschrift, No. 5, 1963, pp 117-120.
NZDIA

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Sci -
Aug 67 335-755

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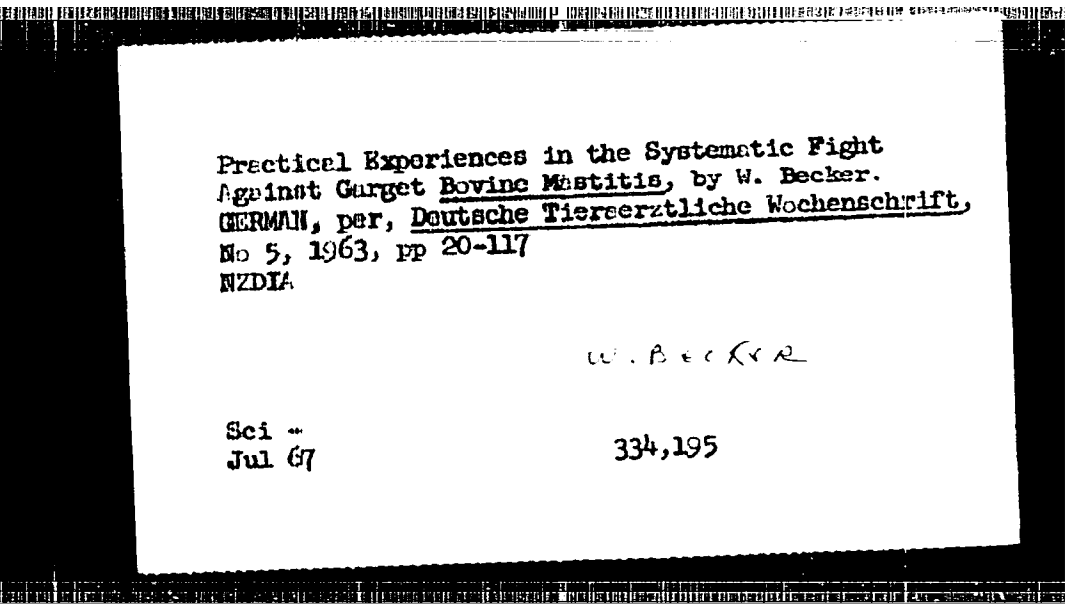

Practical Experiences in the Systematic Fight Against Garget Bovine Mastitis, by W. Becker. GERMAN, per, Deutsche Tierarztliche Wochenschrift, No 5, 1963, pp 20-117
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W. Becker

Sci -
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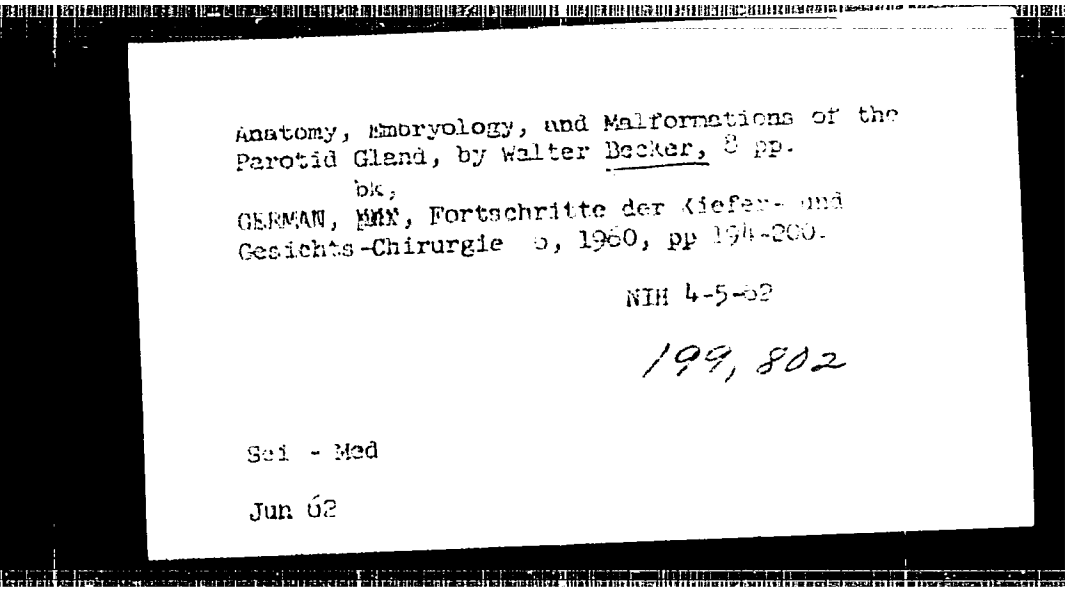

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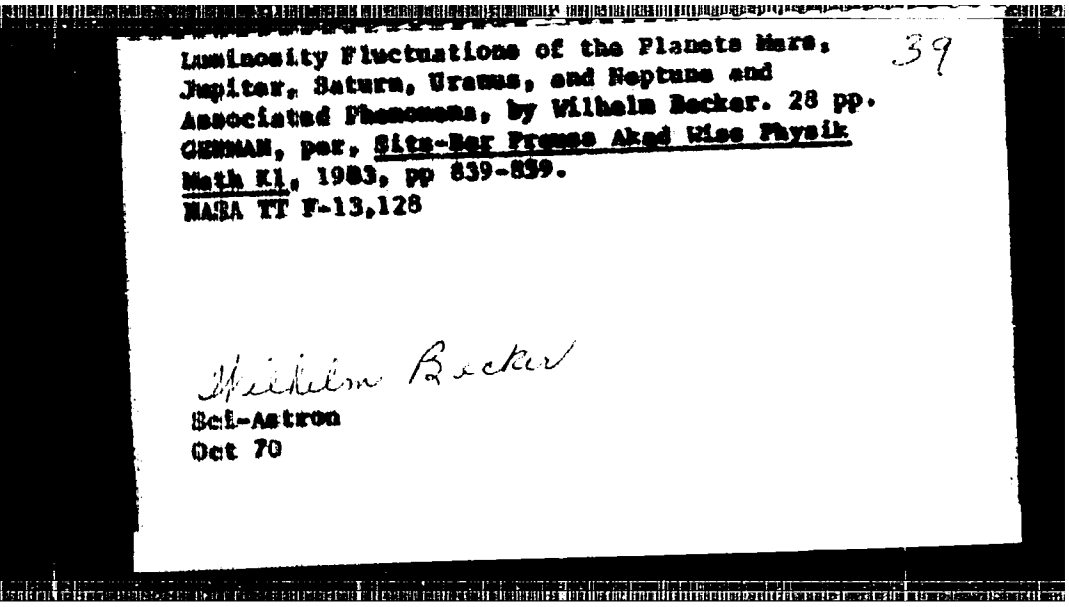

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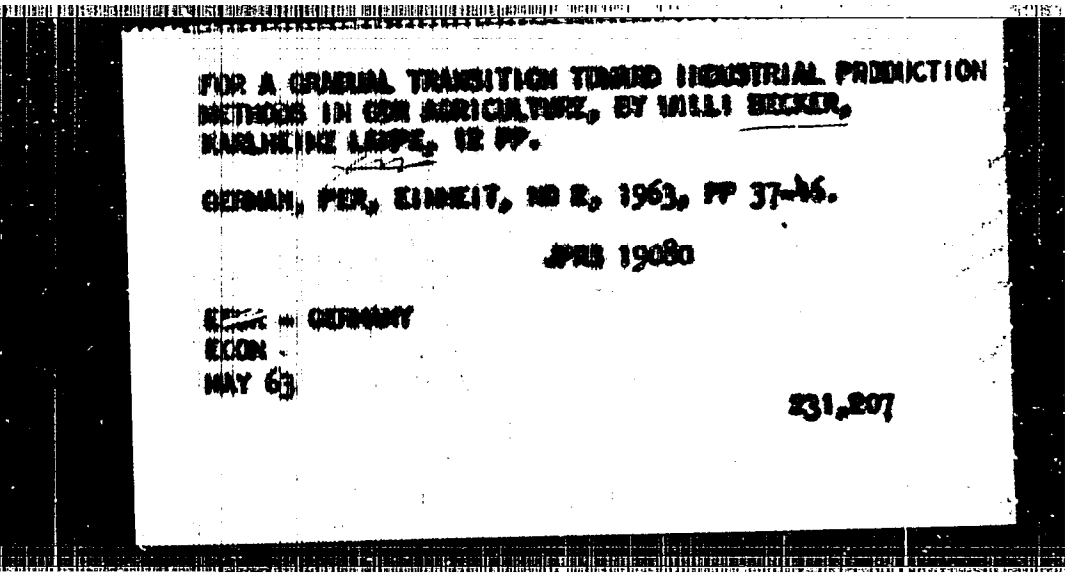

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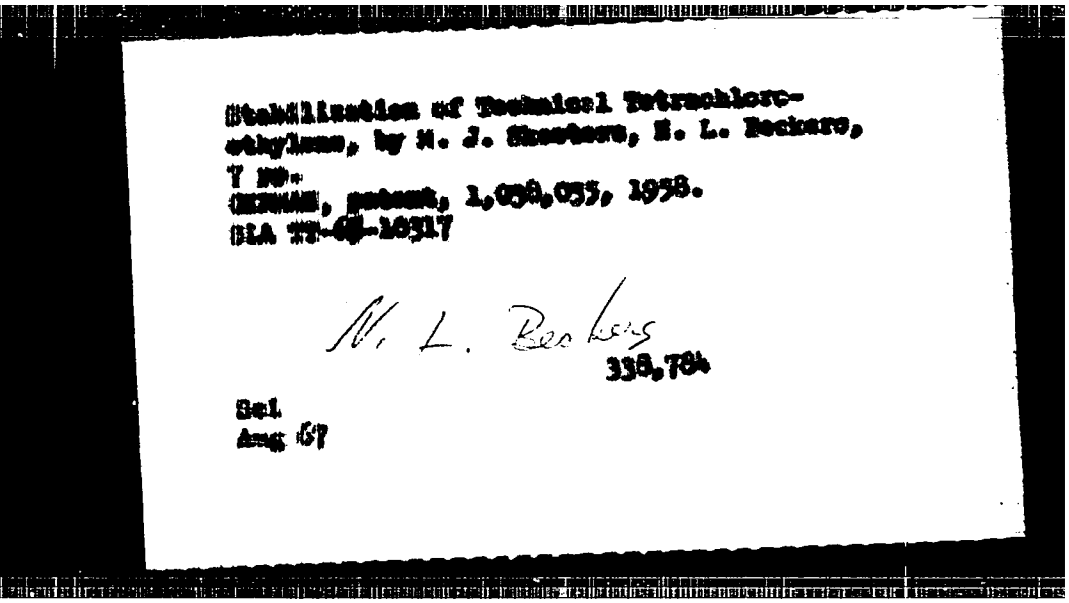

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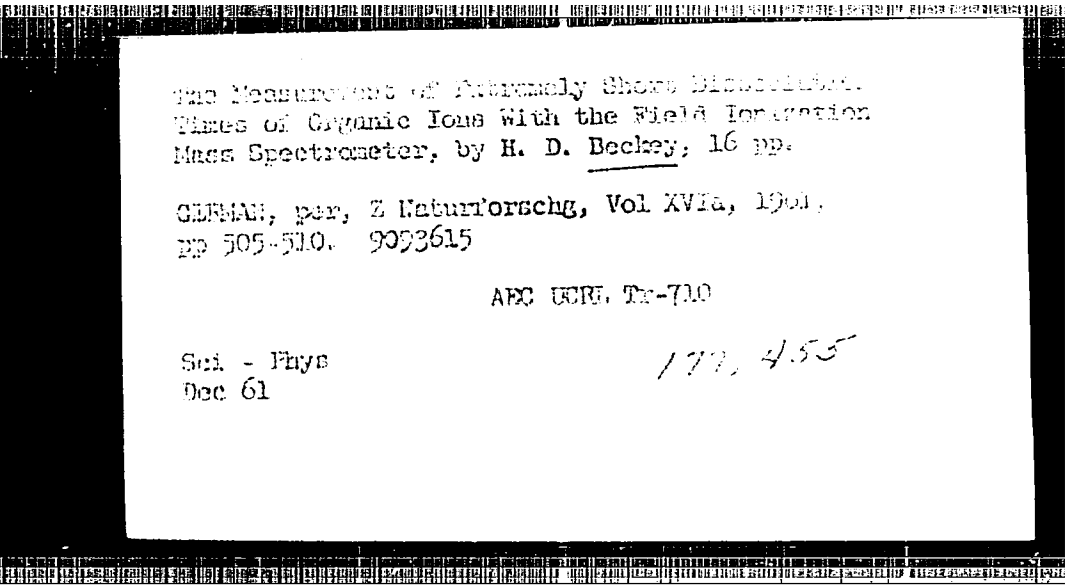

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